

Docket No.: 4528-0114P
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Jon W. PETERSEN et al.

Application No.: 10/690,618

Confirmation No.: 5915

Filed: October 23, 2003

Art Unit: 1753

For: A SUBSTRATE AND A METHOD FOR
DETERMINING AND/OR MONITORING
ELECTROPHYSIOLOGICAL PROPERTIES
OF ION CHANNELS

Examiner: K. K. Olsen

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated May 7, 2007, please amend the above-identified U.S. patent application as follows:

This Reply includes:

- **Amendments to the Specification** begin on page 2 of this paper.
- **Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.
- **Remarks/Arguments** begin on page 10 of this paper.